Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 02 Sep 2023 until 23:59 on Sunday 03 Sep 2023

Forecast Issued on Friday 01 Sep 2023 at 16:53

Confidence: High confidence for a trend towards warmer and more settled, sunny weather in the coming days. Moderate for morning mist, fog and low cloud extent and duration.

Headline for Saturday 02 Sep 2023: Mist, fog and low cloud clearing to become widely fine and rather sunny.

Mountain weather hazards on Saturday 02 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Cloudy	Sunny intervals	Sunny intervals	Sunny	Clear night
Precipitation probability							
20%	20%	20%	10%	<05%	<05%	00%	00%

Forecast for Saturday 02 Sep 2023

Weather: Extensive low cloud, mist and upslope fog through the early morning, this most dense on eastern slopes with a slight chance of drizzle. A few breaks in the cloud west of high ground are likely. Cloud slowly lifting during the morning, largely clearing into the afternoon to leave good sunny spells and the chance of an isolated light shower. Dry and largely clear into the evening.

Chance of cloud-free hill tops above 600m: 20% in the east, 60% in the west at first. Becoming greater than 95% by midday.

Low cloud and visibility: Widespread low cloud, occasional fog patches at first, especially in the east with bases surface-200m. Cloud lifting and breaking, expected to become clear of summits from midday. Generally good air clarity once any early fog/low cloud lifts and breaks, with clear views of surrounding hills in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 02 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 NE	9/13 E	8/11 NE	7/10 E	5/8 SE	4/7 SW	3/5 S	5/6 S	8/11 S
300	7/15 E	6/13 NE	4/10 E	5/8 E	4/7 S	4/7 S	3/5 S	3/5 S	6/8 S
Valley	9/18 E	7/16 E	3/10 NE	5/9 E	3/6 S	3/6 SW	3/5 SW	4/6 SE	4/7 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	11/10	11/10	12/11	15/14	16/16	16/16	14/13	13/12
300	14/12	13/13	13/13	15/15	18/17	19/19	18/19	16/16	15/14
Valley	14/13	14/13	13/12	16/16	19/19	20/20	19/20	16/16	15/14
Freezing Level*	2600m	2500m	2500m	2500m	2500m	2500m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The sunshine will still be fairly strong at this time of year, so adequate protection is required once skies clear during the morning. Navigation on slopes, especially in the east will be difficult during much of the morning hours until cloud lifts clear of summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 01 Sep 2023	0mm	0mm	0mm

Forecast for Sunday 03 Sep 2023

Weather: A warm, dry day with prolonged hazy sunshine and light to gentle breezes. Some early mist or fog patches likely in valleys in the south at first.

Maximum wind: Southwest 10-15mph, gust 15-20mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Areas of mist or fog at first in some valleys in the south but quickly clearing. Otherwise, likely clear views of distant hills throughout.

Temperature: **Valleys:** Plus 11 Celsius increasing Plus 23 Celsius.
At 600m: Plus 16 Celsius.
Freezing level: Above summits.

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